

1328
111803
U.S.PTOUTILITY PATENT
APPLICATION TRANSMITTAL(Only for new nonprovisional applications
under 37 CFR 1.53(b))

Check Box, if applicable [] Duplicate

Attorney Docket No.	031279	Total Pages	
First Named Inventor or Application Identifier			
Yasuhiko YOKOI, Mikio HOUJOU, Hiroshi YAMAMOTO and Daisuke ETOU			
Express Mail Label No.			
APPLICATION ELEMENTS For: STORAGE APPARATUS	ADDRESS TO:	Commissioner for Patents MAIL STOP PATENT APPLICATIONS P.O. Box 1450 Alexandria, VA 22313-1450	

1. [XX] Fee Transmittal Form (Incorporated within this form)(**The filing fee is deferred**).

2. [XX] Specification Total Pages [75]

3. [XX] Drawing(s) (35 USC 113) Total Sheets [44]

4. [] Oath or Declaration Total Pages []
NOT attached; deferred under P.L. 97-247.

- a. [] Newly executed (original)
- b. [] Copy from prior application (37 CFR 1.63(d)
(for continuation/divisional with Box 17 completed).

i. [] Deletion of Inventor(s)

Signed statement attached deleting inventor(s) named in prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).

5. [] Incorporation by reference (useable if box 4b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. [] Microfiche Computer Program (Appendix)

7. [] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- a. [] Computer Readable Copy
- b. [] Paper Copy (identical to computer copy)
- c. [] Statement Verifying identity of above copies

ACCOMPANYING APPLICATION PARTS8. [] Assignment to SANYO ELECTRIC CO., LTD., Moriguchi-shi, Japan.
Please publish the assignee data with the application.

9. [] 37 CFR 3.73(b) Statement (when there is an assignee) [] Power of Attorney

22388 U.S.P.T.O.
10/715127
111803

UTILITY PATENT
APPLICATION TRANSMITTAL

(Only for new nonprovisional applications
under 37 CFR 1.53(b))

Attorney Docket No. **031279**

First Named Inventor or Application Identifier

**Yasuhiko YOKOI, Mikio HOUJOU, Hiroshi YAMAMOTO
and Daisuke ETOU**

PAGE 2 OF 3

10. English translation Document (if applicable)

11. Information Disclosure Statement [1] Copy of IDS Citation (1 reference) w/PTO-1449

12. Preliminary Amendment

13. Return Receipt Postcard (MPEP 503)

14. Small Entity Status is claimed.

15. Claim for Convention Priority [4] Certified copies of Priority Documents are enclosed

a. Priority of Japanese application no. 2002-334589 filed on November 19, 2002 is claimed under 35 USC 119 and
 b. Priority of Japanese application no. 2002-334590 filed on November 19, 2002 is claimed under 35 USC 119 and
 c. Priority of Japanese application no. 2002-334591 filed on November 19, 2002 is claimed under 35 USC 119 and
 d. Priority of Japanese application no. 2002-334594 filed on November 19, 2002 is claimed under 35 USC 119.

16. Other _____

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:
 Continuation Division Continuation-in-part (CIP) of prior application no _____

FEE TRANSMITTAL The filing fee is calculated below	Number Filed	Number Extra	Rate	Basic Fee \$ 770.00
Total Claims	21 - 20	1	x \$18.00	\$ 18.00
Independent Claims	4 - 3	1	x \$86.00	\$ 86.00
Multiple Dependent Claims			\$290.00	
			Eiling Fee	\$ 874.00
Reduction by 1/2 for small entity				
Fee for recording Assignment			\$40.00	\$ 40.00
TOTAL				\$ 914.00

XX NO FEE ENCLOSED. THE FILING FEE IS DEFERRED.

UTILITY PATENT
APPLICATION TRANSMITTAL

(Only for new nonprovisional applications
under 37 CFR 1.53(b))

Attorney Docket No. 031279

First Named Inventor or Application Identifier

Yasuhiko YOKOI, Mikio HOUJOU, Hiroshi YAMAMOTO
and Daisuke ETOU

PAGE 3 OF 3

[] A check in the amount of \$ _____ is enclosed to cover the filing fee of \$ _____ and
the assignment recordation fee of \$ _____.

[] Please charge our Deposit Account No. 01-2340 in the total amount of _____ to cover the filing fee and
the _____ assignment recordation fee. A duplicate of this sheet is attached.

[] The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37
CFR 1.16 or credit any overpayment to Deposit Account No. 01-2340.

18. CORRESPONDENCE

ADDRESS:

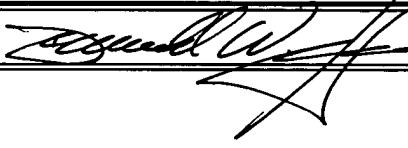
Armstrong, Kratz, Quintos, Hanson & Brooks, LLP
Suite 1000, 1725 K Street, N.W.
Washington, D. C. 20006
Tel: (202) 659-2930
Fax: (202) 887-0357



23850

PATENT TRADEMARK OFFICE

Typed or Printed Name Donald W. Hanson Reg. No. 27,133

Signature  Date: November 18, 2003

DWH:jaz